

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: Robert Nickels <ranickel@mwci.net>
Subject: "Life and Times of those who used them"
Message-ID: <333570BA.4B8C@mwci.net>

Jack's recent mention of our charter rang a bell this morning when diggin through some old 73 magazines I'd replaced some of my old dog-eared copies with. In one was a hand-written list by a ham who was evidently preparing himself to provide public-service communications. I found it an enlightening view into the thinking of an amateur in the BA era (1964). Here is his list:

1. Generator, tested and winterized
2. Plenty of drop cords
3. String of white light bulbs
4. String of red light bulbs
5. Antennas - 80, 40, 6, all in gud working order
6. Xmitters & recvrs
7. Identification. Police, firemen, state hiway, sherriif
8. Tent, folding chairs, cot, pillow, blanket, toolkit, soldering iron, solder, xtra tubes for rigs & recvrs
9. Message forms - scrap pads
10. Permission from Employer to be Released Immediately
11. Capability to Handle Traffic! (underlined)
12. Tire pump!

One can only guess what came of this, maybe a pitch at a ham club meeeting, maybe several sleepless days in a flood or tornado stricken area. One thing's for sure, this fellow took his BA's seriously, and planned to use them in the Public Interest!

73 Bob W9RAN

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: Jack Harper <jharper@bs2000.com>
Subject: Re: "Radioactive Substances for Experimenters"
Message-ID: <199703220102.SAA06754@lynx.csn.net>

At 08:50 3/21/97 GMT, you wrote:

<snip>

>

>Radioactive salts, containing one microgram pure Radium.

>Very powerful Brilliant white luminescence in the dark!

<snip>

>(Electrical Experimenter magazine, Sept. 1918 .

>file this with the 'paint thread', under 'restoring

>radioactive panels'. --hue miller)
>
>

Rats! Was getting ready to order some Radium Salts -- until I noticed the date.

I have a piece of "Trinitite" -- the fused sand, that looks like green coke bottle glass, from the Trinity test site where the first atomic bomb was tested New Mexico in summer of 1945 -- Guess I will have to use that...

However, my Geiger Counter claims that it is only about as radioactive as a mild piece of uranium ore -- maybe if I concentrated it...

Regards

Jack, KCOLR (Friend to all things Hammarlund -- and to things that Glow in the Dark)

Jack Harper Bank Systems 2000, Inc.
e-mail: jharper@bs2000.com 350 Indiana Street, Suite 800
voice: 303-277-1892 fax: 303-277-1785 Golden, Colorado 80401 USA

"21st Century Financial Applications"
Optical Cards for Bank, EBT, and Medical Applications
Visit our Web Page: <http://www.bs2000.com/talos> (Last Update: 970312)

1024-bit PGP crypto key with ID: 8FB07075 created 960728
Fingerprint: 75 DA 06 35 F8 3D AC EC 3A F2 7C 59 A1 11 A5 74
Key available from Public Key Servers and above Web Page

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: "John D. Peters" <k1er@gte.net>
Subject: Re: "Radioactive Substances for Experimenters"
Message-ID: <3337454D.54A4@gte.net>

Jack Harper wrote:

>
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> >Very powerful Brilliant white luminescence in the dark!
> <snip>
>
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```

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> tested New Mexico in summer of 1945 -- Guess I will have to use that...
>
> However, my Geiger Counter claims that it is only about as radioactive as a
> mild piece of uranium ore -- maybe if I concentrated it...
>
> Regards
>
> Jack, KC0LR (Friend to all things Hammarlund -- and to things that Glow in
> the Dark)
> -----
> Jack Harper                                Bank Systems 2000, Inc.
> e-mail: jharper@bs2000.com                 350 Indiana Street, Suite 800
> voice: 303-277-1892 fax: 303-277-1785     Golden, Colorado 80401 USA
>
> "21st Century Financial Applications"
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> -----

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The original green, sand turned to glass, from the Trinity Site should be preserved as a museum piece. It is almost completely gone from the site. The radioactivity for that glass should be close to background. It would have no active material as a result of the blast. Certainly no alpha to trigger a luminescent response for a dial.

If you want glowing dials you'll need either radium salts or polonium, just don't lick your brush to give it a finer point! The amount of radium on a watch dial, will set off all the airborne particulate detectors in a nuclear submarine after a few days. And it'll give you a 15 mREM gamma exposure to your wrist whenever you wear the watch. But my wrist seems to have survived quite nicely.

I'm surprised the government junk science know nothings haven't confiscated all the radium salts. There was much less government interference in your life in 1918.

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: "Jim Berry" <basalop@eskimo.com>
Subject: (Fwd) Re: vacuum relay
Message-ID: <199703240505.VAA24939@mail.eskimo.com>

Several folks commented:

> Why would any self-respecting BA-ite object to the sound of a TR
> relay?
>
> Here's my vintage AM setup: A Dow-Key relay bolted to the back

Hi Gang, There is nothing like the crash of a big relay. Bigger the better. One where you key up the radio and can actually hear the thing echo on the air. The idea is the louder the better. A huge "ON THE AIR" sign like used at old broadcast stations is also needed. If you cannot get a big enough relay to echo through the room, then play with your keying switch so that the carrier comes on with a loud squeal or hum before the audio is actually applied. Makes a 10-4 good buddy roger beeper sound pretty whippy.

You want racket? Be a CW op like me and run full break in. Now that is musice to the ears.

Jim Berry K7SLI. QTH: Marysville, Wa (Near Seattle)
Email: basalop@eskimo.com FAX: 360-659-1360
Snail Mail: 5318 142nd PL NE Marysville, Wa 98271

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: wallace@world.std.com (Andy Wallace)
Subject: (fwd) Tube drinking glasses
Message-ID: <33458024.16574552@world.std.com>

----- Forwarded Message Follows -----

Xref: world rec.audio.tubes:26094 rec.radio.swap:107434
Path: world!bloom-beacon.mit.edu!cam-news-hub1.bbnplanet.com!news.bbnplanet.com!
news.maxwell.syr.edu!europa.clark.net!newsfeed.internetmci.com!news.ns.net!not-
for-mail
From: Robert Ramirez <robtram@ns.net>
Newsgroups: rec.audio.tubes,rec.radio.swap
Subject: Tube drinking glasses
From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: FPorzelt@seic.com

Subject: RE:-- Colorado Bighorn Museum of Amateur Radio...
Message-ID: <vines.I,I8+zqhBnB@WAYNE.SEIC.COM>

Hi All,

Jack Harper <jharper@bs2000.com> wrote:
snip <<< ...Regarding the museum -- Don seems rather unsure as to the
future of the place and may, apparently, move the whole thing elsewhere ...
>>>

Well, I just received e-mail from Don K0PV of the museum which included the
following:
snip <<< Will be going QRX here within the next few months while we QSY the
operation to Central Missouri. 73, Don K0PV @ The Museum>>>

So, I guess that's the latest... 73
Fred KB9MVU

Fred Porzelt
312.460.2497 Voice / 312.460.2555 Fax
fporzelt@seic.com

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: Allen Tucholski <allent@en.com>
Subject: 10 ohm / 55watt resistors (65 cents each)
Message-ID: <3.0.1.32.19970323215945.00869e40@en.com>

Hello all,

I have large inventory of (NEW) TRW Type FRW -22 Flat wire wound 10 ohm
resistors @ 55watts.

These resistors are 3.5 inches long, 1 inch wide, 1/4 inch thick. They
mount in the horizontal position using the pre assembled shaft thru the
middle and standoffs that accept two #8 or #10 screws.

The resistor mounts 1/2 inch above the chassis.

These are Mil spec vitreous enameled units of very high quality.

Put them in series or parallel for many BA applications.

65 cents each, plus a small fee for shipping via US mail.

Let me know how many you need.

Allen

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: "Joseph J. Curry" <jjcurry_trilix@compuserve.com>
Subject: 12-24 Rack Screws
Message-ID: <199703232306_MC2-132C-B251@compuserve.com>

To the BA Gang:

A few weeks ago there was a thread (no pun intended) on Boatanchors regarding rack screws. Since heretofore I had never seen a rack with anything but 10-32 tapped holes, I paid little attention. Big mistake!

I just acquired a nice, heavy-duty rack the other week and, as I was test mounting a panel to see how it looked, I found that the 10-32 rackscrews I had just spun freely. I had a 12-24 screw to try and, wonder of wonders, it fit like a glove.

My question is where to obtain rackscrews with either broad nickel plated or black anodized heads that are 12-24 and come with the nylon washer to protect the panel. I know someone gave out the address, but, well I didn't think I'd need the info. I could use 40 of these rack screws.

Please reply to: jjcurry_trilix@compuserve.com

Thanks and 73,

Joe
K3ICO
AMI #721

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: djw@unlinfo.unl.edu (Daniel Wright)
Subject: Re: 12-24 Rack Screws
Message-ID: <9703241328.AA17479@unlinfo2.unl.edu>

Joe Sez:

>My question is where to obtain rackscrews with either broad nickel
>plated or black anodized heads that are 12-24 and come with the
>nylon washer to protect the panel. I know someone gave out the
>address, but, well I didn't think I'd need the info. I could use 40 of

>these rack screws.

Greetings All!!

If I recall correctly (and whip me with a wet noodle if I'm wrong),
I have ordered very nice 12-24 rack screws for the stuff on my Remote
Truck from:

GKM Mfg. Corp.
718-888-4114

Can't recall where they are located, but I bought several bags of 100
and they come with the nylon washers. Very reasonable price too, as I
recall..(whip me with the aforementioned wet pasta, if I'm wrong..(;->)..
Give 'em a call!

73 de Dan -- WA0JRD ..

"Engineer"-in-Charge of the Nebraska ETV Network Remote Twuk. (;-/.

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: bdhall@ghg.net (Benjamin D. Hall)
Subject: Re: 390A Meters
Message-ID: <33354AB4.2FD1@GHG.net>

Jack Harper wrote:

> I called Rick Mish this (Wednesday) morning (419-255-6220) and
> he has 18
> sets of R-390(x) meters left (after I bought a set (2 meters/set)

I talked to him Wednesday morning from work and he indicated he had
about 10 sets left. By some freak occurrence, management had decided
that I had been "working enough" that I should get paid overtime, so I
sprung for a set. When I thought about it, \$80 isn't a bad investment
for a radio I'll own for the rest of my life...

He indicated that he has the opportunity to purchase a whole bunch of
meters, which is why he is pushing these units - he needs money to buy
the next batch. He also indicated he has covers available for \$100 a
set.

Sounded like a really nice guy, and more than happy to shoot the breeze
about R-390A's...

73,
Ben

--

* Benjamin D. Hall, junque collector extraordinaire. *
* Finally on the web at: <http://www.ghgcorp.com/bdhall> *
* Located in Houston, Texas. E-mail: BDHall@GHG.net *
 "Aio, quantitas magna frumentorum est."

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: Mike Warren <m_warren@compuserve.com>
Subject: A couple of Hammarlund pieces for sale
Message-ID: <199703240847_MC2-132C-9761@compuserve.com>

Hi Gang,

(I ran across this in the Hamnet forum on Compuserve. May be of interest to Hammarlund collectors.)

Bob Mausteller
WA2MRZ
1732 St. Charles Pl.
Marilla, N.Y. 14102 (near Buffalo)
phone: 716-652-7304
e-mail: 76116.2355@compuserve.com

PS: I also have a Hammerlund HQ-105TRC with Mic, crystals, manual, & Speaker. It's listed in the SWAP SHOP section. Plus, a friend has an old Hammerlund SP-400, SuperPro military receiver & power supply for sale. Let me know if either of these are of interest. Note that the SP-400 is functional but not beautiful; it's also quite heavy for shipping

(please contact him, not me)

73,

Mike W5MAZ (in MN)
m_warren@compuserve.com

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: About Mac's speed...
Message-ID: <Pine.SUN.3.91.970323172529.10564A-1000000@indy1>

Hi!

Forsooth, the thing about Mac's records is, the more you learn about

them the harder they are to figure out!

This is partially due to McElroy's innate ability at self-promotion; he never lied but oh could he shade things. More saliently, various competitions used different standards for counting speed. While one might *think* it's a straightforward thing to figure speed, and simply put the cut-off at the fastest 100% copy, tain't so.

The source I used earlier (but failed to cite) was Tom French's bio, "McElroy *** World's Champion Radio Telegrapher," pp 133-134, "Automatic Morse and Code Speed" and pg 135, "McElroy's Speed Records: A Correction."

Tom points out that nowadays, we can count code speed to a fair-thee-well via computer, but earlier the only way was to set up a "standard word" on Wheatstone tape and see how many times it ran in a minute. "Standard" words turn out to be not much of a standard at all! Nowadays, "PARIS" is it, 25 dots or 50 units, handy to work with; but 24 dots was used earlier, and others showed up in ham use.

For Mac's demo at Cape Cod, MA in '35, the 18-dot word TESTS was used to check the machine, but a 21-dot word was taken as standard, so Ted's 90 wpm (based on TESTS) gets factored by 18/21 and comes out to 77 wpm. If we convert to 25-dot, he gets 64.8 wpm.

Later in '35 at Brockton, MA, Ted was clocked at 69 wpm. No firm data on the "standard word" but Mr. French suspects 24-dots, and when we change to the modern 25-dots, it's 66.2 wpm.

Finally, at the record-setter, Asheville, NC in '39, Mac zoomed in at 75.2 wpm. A 24-dot standard is verified in publications of the day (Asheville Radio Club's "The Arc" 2 Aug '39). Converting to 25-dots, that's 72.2 wpm, still quite enough to blister the ears of ordinary mortals.

Tom French points out that after conversion to a consistent standard, Mac's records make good sense--a fast op, steadily improving.

Is Tom's book the very last word? Probably not. History doesn't pin down easily.

Now, just how fast *is* the qrp-listowner? And what standard word was used to clock him? :)

73,
--Bobbi

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: Mail List Owner <listown@jackatak.theporch.com>
Subject: ADMINISTRIVIA: Changing Email Addresses
Message-ID: <9703241115.aa12760@jackatak.theporch.com>

Gang-

This periodic post is intended to help subscribers whose ISP (InterNet Service Provider) has made a change without advising their customers of the potential impact of that change on subscribers to email lists like the boatanchors, where one must be a subscriber to post to the list.

Under some circumstances, the changes to your email address are "transparent" to you, but prevent posting. I get error notification for these kinds of problems, and I try to work them out. However, I may miss one, and on this end, the process is anything BUT automatic.

You have a bigger stick than I do. You and your ISP have the primary responsibility to repair the problems caused by the change at the ISP. I have zero leverage with your ISP, and you have great leverage.

Most ISP maintain a customer service department to help with problems like these. This should be your first line of support for email problems. I am happy to assist and consult, but try to understand that when your ISP makes a change to their email handler, and that change prevents you from posting to the boatanchors list, I can help, but resolving this problem is your responsibility, working with your ISP. I am but a volunteer, contributing my time to administer the list.

Thank you for your attention.

--

73

Jack, W4KH/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)
- - - BoatAnchor Mailing List Archiver/Owner - - -
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997

From: Mike Toneri <toneri@ils.net>

Subject: Another AR88 for sale

Message-ID: <199703240119.UAA13351@server1.ils.net>

Larry, VE3RF has another AR88 for sale. Condition 7 - 8 on a scale of 10.

Copy of manual included. Asking \$300 US.

Contact Larry, VE3RF

tel. 519-632-7921

Mike & Lynda Toneri E-mail: toneri@ils.net

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997

From: Morton Jones <mortjonz@pacbell.net>

Subject: Re: Anybody remember Harold Burrell?

Message-ID: <3336095D.3FFF@pacbell.net>

Jim Garland W8ZR wrote:

>

> Hi Gang,

>

> I just came back from Kansas City on business, and while there I dropped in
> to visit my folks. My mom and I were going through a box of old photos, and
> I came across a great 8x11 photo of myself at age 13 (then W0ZKE) sitting
> at my rig. My 75A1 looked mint -- wish I still had it! -- but mostly my old
> long-forgotten homebrew AM transmitter caught my eye.

>

> The transmitter wasn't built by me. My dad (a non-ham) bought it for me as
> a reward for passing my General Exam in 1955. He had driven me down to the
> Kansas City FCC office, and while I was taking the test, he chatted with
> the examiner, a ham named Harold Burrell (callsign unknown). During the
> conversation, Mr. Burrell mentioned that he had for sale a homebrew AM
> transmitter that would make a fine companion for my 75A-1 (which to that
> point had been paired with a Heathkit AT-1). Unknown to me, my dad bought
> the transmitter and gave it to me as a surprise later that evening. With
> the hindsight made possible by four decades of ham experience, I now
> realize what a treasure that rig actually was!

>

> Mr. Burrell's transmitter was the finest example of the homebrew art I have
> ever seen. He called it the "32V-7," because its design was patterned
> after the Collins 32V-3, but was a couple of generations more advanced.

>

> Electrically, the rig used a 4D32 final, modulated by a pair of 1625s. It
> used a Collins 70E8A PTO. Other aspects of the design were relatively
> straightforward, with a couple of 5R4 rectifiers, 6AG7 multipliers, a
> conventional speech amplifier, etc. It had a sophisticated high-level
> modulation system, the details of which are long forgotten. I do remember
> that the multimeter had a percent modulation scale, and that the rig had a
> built-in sidetone oscillator, with grid-blocked keying. It put out about
> 100 Watts.

>

> It was the mechanical aspects of the transmitter that really distinguished
> it from anything else I'd seen. The rig had one-knob 80-10meter
> bandswitching, with two gear-driven multisection ceramic wafer switches.
> All the low-level r.f. inductors were slug tuned, with the slugs ganged to
> the PTO through a homemade rack and pinion system, so no tuning was
> required of multiplier or driver stages. There were custom-made aluminum
> shields and partitions for the various stages, with a completely enclosed
> final amplifier compartment. The transmitter was built into an SX-42 receiver

> cabinet, with a B&W low-pass filter mounted on the back panel to filter the
> output. The front panel was grey wrinkle 1/8 inch aluminum, with engraved
> lettering. There were two Simpson panel meters, symmetrically placed on
> each side of the panel, one showing plate current, and the other a
> multimeter showing HV, grid current, modulation plate current, percentage
> modulation. I look at the photo today and see a work of art. In fact, this
> rig has been an inspiration to me over the years, setting a standard to
> which I've always tried to meet in my own projects.

>

> I worked DXCC with Mr. Burrell's transmitter, and won the 1956 CQ
> world-wide DX contest for the W0 district, 20 meter band with it. It had a
> flawless CW note (an internal adjustment set the softness of the note), and
> beautiful modulation.

>

> Over the years, I've wondered what happened to Harold Burrell. His kind of
> talent wouldn't have gone unnoticed, and I'm certain there are people
> around today who might remember him, or know what else he built. I know he
> left the FCC several years later, moving out west I think, but I've no idea
> what happened to him afterwards. If you know anything about him, I'd love
> to hear from you.

>

> Thanks and 73,

>

> Jim Garland W8ZR

>

> P.S. I bet you're wondering what happened to the "32V-7." This is
> embarrassing. In 1965, having moved solidly into SSB, and having decided
> that homebrew rigs had no resale value, I scrapped it out for the parts.
> Hey, I was just a kid, okay? Back off.

Hi Jim , this will be real quick I will email you later or maybe give
you a phone call but just to let you know that have one of Mr Bourell's
Masterpiece, as of 2 years ago he is in good health rides his bike
everyday and is 90 years old this year I visited him one afternoon in 95
at his home in San Diego and he is a delite to chat with I took the
Transciver that I have that he built in the 50 to 60's and I have some
photo's of him beside it and I also got some audio tape of him. More
later Mort W6KLG Ramona, CA 760 789 6794

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997

From: Walter Dail <dail@CEBAF.GOV>

Subject: B&W 5100-B transmitter

Message-ID: <1.5.4.32.19970324134928.00709b94@jlab.org>

Hello All,

I just found a B&W 5100-B transmitter at an antique store real
cheap(\$20) but I don't know anything about it. It seems to be complete
with all tubes, knobs, etc. but was kind of dirty on the outside

but actually half-way clean on the inside. Previous owner said it worked two years ago. I have decided to restore this but I need a manual(or copy of) with a schematic to get me started. I will pay for your costs. Please help.

So far my investigation has revealed 2 blown caps in the plate supply and bias? I think. I suppose someone tried to run it on 115vac with the tap switch at 107vac(weird). I figured out already it must have used a phasing method for generating ssb with an adapter. But what was the round octal plug for?(inside the unit beside the square plug)? I suppose a power connection for the ssb adapter???(This is why I need a manual :-). Anyway, I would like to hear from anyone who has one of these to provide me with a little insight on this transmitter. BTW, how much is it really worth????

Thanks,
Walter Dail - KT4JA

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: Paul Bocci-CPB007 <Paul_Bocci-CPB007@email.mot.com>
Subject: Bendix Radio RA12 G
Message-ID: <"Macintosh */PRMD=MOT/ADMD=MOT/C=US/"@MHS>

From: Bocci-CPB007 Paul on Mon, Mar 24, 1997 12:37 PM
Subject: Bendix Radio RA12 G

Howdy Folks,
Mixed in with a pile of old test equipment that made its way to my garage is a Bendix Radio RA12 G airplane anchor. I've never encountered one of these before and am wondering where, what and when it was used. It appears to be pretty conventional in circuitry, 12SK7 VFO, 807 IPA, pair 807 PA except for the duplication of the VFO and output circuitry. There are four complete VFOs and four output circuits selected by a four position channel selector. Looks like it was meant to be set-up on four different frequencies and then remotely controlled. There is no sign of any audio circuitry so I assume there was a companion modulator for it. This one was built in Canada by Northern Electric or Northern Radio Corp. (not sure of the name)

Anyone got any documentation on this one? It looks like it would be fun to put on the air.

73 es ZUT
Paul, K9NO
cpb007@email.mot.com

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: Mike Warren <m_warren@compuserve.com>
Subject: Can somebody start a thread on Crystals ?
Message-ID: <199703240837_MC2-1332-6826@compuserve.com>

Hi All,

I wonder if someone would be interested in starting a thread on crystals? I've always wondered about things like the difference between series and parallel resonant crystals; "cuts"; fundamental vs. overtone modes; descriptions or dimensions of the different styles of holders; testing crystals; grinding; why some are "big" and some are little; things NOT to do; etc., etc.

Thanks and 73,

Mike W5MAZ (in MN)
m_warren@compuserve.com

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: Paul & Sandra Bock <bocks@erols.com>
Subject: Re: Code records
Message-ID: <33360FAD.5E83@erols.com>

Thanks to Bobbi for the clarification on "counting" McElroy's record.

FWIW, I think that any **serious** attempt at "breaking" an old record should **NOT** depend on interpolation. I believe that any such attempt should use the identical scoring (i.e., counting) method used to set the record originally. If that method is "outmoded" then a new standard is established simultaneously. It would work like this:

- 1) Modern contestant copies code. The test is the same format and code is counted the same way it was during McElroy's day.
- 2) If the contestant breaks McElroy's record, then his "record-breaking" speed is declared based on the old standard of counting.
- 3) If a new standard of counting is deemed more acceptable for **FUTURE** record attempts, then the winning contestant's speed is recalculated using the new method and this is simultaneously announced as the **NEW** record (and criteria for measurement) which must be beaten in any subsequent attempts.
- 4) Everything above is **CLEARLY** spelled out and made public to

preclude any future "questioning" of whether or not the record was actually broken.

'Course, the contestant will probably have to use the identical typewriter or someone will use that as an excuse to disavow the new record ("Yeah, he/she is pretty good, but 'ol Ted used a rusty Underwood with three sticky keys when *HE* copied.....). ; -)

73,

Paul, K4MSG

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: berg stephen erik <z931086@corn.cso.niu.edu>
Subject: Re: Code records
Message-ID: <Pine.3.89.9703232056.B7605-0100000@corn.cso.niu.edu>

Typewriter? Why not make them use the same pencil? That makes it much fairer.

73,

Steve WA9JML

z931086@corn.cso.niu.edu

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: W9zr@aol.com
Subject: Collins Filters Correction
Message-ID: <970323172314_1151250957@emout01.mail.aol.com>

I made a mistake in my earlier post. The filters are F500Z5 and F500Z8, not F455.

I think they are for the 51S1.

73 Randy

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: jproc@bellglobal.com
Subject: Crystal ID?
Message-ID: <Chameleon.4.01.2.970323203552.jproc@>

Dear BA'ers,

Over the last several years I have using crystals made by Marconi Canada without any knowledge of their characteristics. Can anyone help to identify this crystal type:

1) Black bakelite holder; approx 1.5" w x 11/16" D x 1.75" H with detachable lid.

2) Pins are about .125" diameter; .625" long; spaced .75" apart.

3) The crystal is stamped with the frequency on top with white ink. At the side, and in orange ink, is stamped the part number 'ZA 16450' and 'S xxxx'. XXXX always agrees with the number stamped on the lid of the crystal. Sometimes the number is in the format R xxxx.

In reading at least three different manuals, Marconi never admit to the fact that they make crystals for their own equipment! Can anyone recognize the crystal which I have described?

Regards,

Jerry Proc VE3FAB
E-mail: jproc@bellglobal.com
HMCS HAIDA Naval Museum, Toronto
WEB <http://www3.sympatico.ca/hrc/haida>

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: lsmith <ckvnfm@mb.sympatico.ca>
Subject: Dremel and Safety Glasses
Message-ID: <33356AED.1B2D@mb.sympatico.ca>

Hello All:

Bobbi wrote:

These tools *are* a good reason to wear safety glasses and mind your hands; they are tiny but have a lot of wallop. The cut-off wheels are particularly prone to disintegrate if they bind, and the experience of up-close abrasive shrapnel tends to make an impression--one way or another!

I fully support the recommendation..which is an obvious one to those who work regularly with power tools, but may be taken lightly by some who wield the tool as a hobbyist. A cutting disk broke while I was using it last year...very common to happen.

Just before using the tool, I had an argument with myself as to whether I needed the safety glasses because it was to be a 10 second job...glad I listened to the angel on my shoulder, and not the devil!

The wheel fragmented, and if someone had intentionally aimed it at my pupil, the impact point couldn't have been more accurately planned. Funny how you time goes into slow motion when something like this happens, it seemed to take a half hour for that large chunk of spinning wheel to strike the safety glass a quarter inch from my eye.

Since I make my living as a pilot, it should be evident as to the potential outcome. Since then, I use safety glasses each and every time without fail. Keep safe out there. 73 de

Lee Smith

VE4ANC

PS...fabulous tool by the way!

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997

From: Scott Robinson <spr@earthlink.net>

Subject: Dremel tool-you bet!

Message-ID: <v03007800af5ab434f27e@[153.34.139.203]>

F0lks,

I have used Dremel tools for years. IN my other tinkering hobby-old motorcycles-I sometimes need to cut hardened steel (no, NOT padlocks!) and the abrasive cutoff wheel in the Dremel cuts better the harder ths stuff is. The are also, as Rodger Singley observed, useful for small buffing tasks. I'll second his recommendation...even if the Dremel does contain sand state speed controls!

Regards,

Scott Robinson

spr@earthlink.net

"Buy a Velocette and enjoy those qualities that turn motor-cyclists into enthusiasts."

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997

From: "Roberta J. Barmore" <rbarmore@indy.net>

Subject: Re: Dremel-a handy tool for BA use

Message-ID: <Pine.SUN.3.91.970323105627.292A-100000@indy1>

Hi!

On the Dremel (and kin--for awhile, a Far-eastern version that ran off DC was available for \$14.00), amen! I have 'em at work and home, with a big collection of specialized ends. The miniature router attachment is *real* handy for "breadboard" work. The tiny brass wire wheels and polishing goodies see a lot of action in my workshops, too.

FWIW, there are even better versions available--Foredom is one maker of "industrial strength" Dremel-like tools. Both Dremel and Fordeom make handpiece versions, with a fixed motor and a long shaft to the bit-holding part, that are good for tight spaces and/or doing a lot of work at one time. (You've seen 'em--dentists use a 90-degree version!).

These tools *are* a good reason to wear safety glasses and mind your hands; they are tiny but have a lot of wallop. The cut-off wheels are particularly prone to disintegrate if they bind, and the experience of up-close abrasive shrapnel tends to make an impression--one way or another! The torque is high enough that a decent vise with jaw pads is a useful accessory. (Scrap copper and middlin' hard wood both make nice jaw pads for a machinist's vise; a carpenter's vise can be even handier, as it has wooden jaws that you size & install). Do pay extra to get a good vise, the cheap ones are no bargain!

73,

--Bobbi

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997

From: anders@autopsy.corp.sgi.com (Greg Anders)

Subject: E.H. Scott SLRM Schematic needed

Message-ID: <9703240842.ZM16035@autopsy.corp.sgi.com>

I picked up an unusual receiver at auction Friday, its a Scott SLRM Marine receiver. Does anyone have a schematic or better yet is anyone aware of a source for a complete maintenance manual? I'm also interested in establishing the vintage of this unit. It works great and the "sealed unit" construction has kept the interior spotless over the years. It didn't even need a bath, just a quick once over with a feather duster. Any inputs on documentation source would be greatly appreciated.

Thanks,

--

Greg Anders

"One doesn't discover new lands without consenting to lose sight of the shore for a very long time."

Andre Gide
French Novelist

anders@autopsy.corp.sgi.com
KG6YV

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: Al Klase <skywaves@bw.webex.net>
Subject: Re: E.H. Scott SLRM Schematic needed
Message-ID: <3336DE9B.47A6@webex.net>

Greg Anders wrote:

>
> I picked up an unusual receiver at auction Friday, its a Scott SLRM
> Marine receiver. Does anyone have a schematic or better yet is anyone aware
> of a source for a complete maintenance manual?

This rado is covered in Riders Vol. XVIII as the Scott Export Receiver.

--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: GIBSON@ASTMAG.LBL.GOV

Subject: Electrostatic needle deflection
Message-ID: <970323101152.21800083@ASTMAG.LBL.GOV>

Regarding abnormal panel meter deflection due to static electricity on the plastic. Spraying any type of chemical on the plastic to reduce "needle cling" is bad news. Just lean over and exhale your breath on the meter front. The moisture will do the rest and will not caze the plastic unless you have been heavy on the onions or garlic recently.

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: "Kleinman, Joel, N1BKE" <jkleinman@arrl.org>
Subject: Feedback on ARRL publications

John:

Brad Wyatt mentioned that you spoke to him recently about some apparent errors in ARRL technical publications.

I'd appreciate having the benefit of your input on any and all material you feel is inaccurate or misleading. It would be helpful to have your comments in as much detail as you can provide: the title, edition and printing of the ARRL book in question, the page numbers of the material in question, citations to source material, and so on.

Once we have your comments and suggestions, we will investigate them here and I'll get back to you with the results.

Thanks for your kind offer to help improve ARRL publications.

73, Joel
Joel Kleinman, N1BKE
Book Branch Supervisor, ARRL HQ
"ARRL BOOKS/TAPES/CDs R US"
email: jkleinman@arrl.org
VOICE: 860-594-0273
FAX: 860-594-0259 (24 hours)
SNAIL MAIL:
225 Main St, Newington CT 06111-1494 USA
ARRL WWW Site: <http://www.arrl.org/>

-----479F672B78DD--

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: "David M. Nance" <dmnance@roanoke.infi.net>
Subject: FS - Misc. Stuff
Message-ID: <3336065F.3B15@roanoke.infi.net>

Time to start spring cleaning. Too many hobbies and too many projects that I will never get to. Have the following if anyone's interested:

1. VARIAC - Powerstat Model 10B - BRAND NEW - Panel mounted type - 0 to 132 vac @ 2.25 A - Includes knob, plate w/mounting hardware and instructions - \$15.
2. STANCOR P-6496 Transformer - NEW IN BOX - Combination 12 vdc vibrator or 117 vac input on primary - 700 vct @ 100 ma & 12.6 vct @ 2 amps on secondary - \$20.
3. AMECO Model CN VHF Converter - 6 meter - uses 3 6CW4 nuvistor tubes & 1 6J6 - Used but in good cosmetic condition - have no way to test to see if it works - \$20.
4. AMECO PS-1 Power Supply - supply for above convertor - good condition - \$15.
5. AMECO Model PV VHF Preamp - 144 mc - uses 1 6CW4 nuvistor tube \$10.

Offers considered. Prices do not include shipping.

73,

David - WB4SSE
Roanoke, VA
e-mail: dmnance@roanoke.infi.net

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: jvercellino@sprynet.com
Subject: FS/Trade: Old QST/Pop Electronics/ER
Message-ID: <199703232204.0AA26522@m1.sprynet.com>

I have the following magazines, all of which are in good or better shape, for sale or trade for copies of Electric Radio magazine.

- 1) Popular Electronics, Jan 1965, articles on "Experimenter's L Bridge, 2 Halos stacked for 2 Meters, Compact BCB Antennas" - VGC - \$2.00 + Shipping
- 2) QST, Dec 1965 - 50th anniversary issue, "The 'Cantenna" as an R.F. Wattmeter (I still use this today), Review of the TR-4, An Anniversary Look at QST". Lots

of the problems we face today were presaged or experienced back then. - EC - \$2.00 + Shipping

3) Electric Radio - Feb 1997 - I ended up with an extra copy of the magazine. Good article on revising audio stages on R-390A. - EC - \$1.50 + Shipping

4) Popular Electronics - Aug 1966 - "The Modbox - Modulation monitor, Amateur Equipment review, Review of the Drake SW-4, Antenna coupler for 6 & 2 Meters". GC (1" tear in cover, but complete) - \$2.00 + Shipping

I'm really interested in trading these magazines for Electric Radio copies prior to March 1992.

If you're interested in these magazines, please contact me at JVerzellino@sprynet.com.

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: Ho4bart@aol.com
Subject: FS: Halli SR-34, needs restoration
Message-ID: <970323142901_1849176478@emout01.mail.aol.com>

i need to cut back the number of projects. plus, i don't really have any interest in 2m AM, so my putting a lot of work into this does not attract me.
this set has a fair amount of rust on case, also on the chrome latches that secure the front cover. also lite rust on the "lip" around the front panel. dial pointer does not move, needs restring. untested. i guess 4-5 / 10.
manual copy. a big enuff project altho not of the scale of some wooden radio stored in a chicken shed.
no whip antenna.
thinking about \$50.
or, swap for some lafayette/ RS / Allied SW rec?
pse consider shipping in doing the math on your bargain consideration! 40 lbs FOB utah.
re 2 meters equip: i may bring back from vacation in May or Sept, 2 more of my rigs: Lafayette HA-1200 (real nice rig, vfo on rec & trans) and Navy MAW field portable in shipping trunk, with groundplane ant. & manual. sell / swap for HF, favoring military.

also, not related to above, i have a few more forms for the telegram collector.

thanks, hue miller

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: Michael Crestohl <mc@shore.net>
Subject: FS: Box of coils, rf chokes, etc
Message-ID: <199703241007.FAA29004@northshore.shore.net>

I have a box full of various and sundry coils and inductors that I really am not going to need.....these should be of interest to anyone who is into vintage equipment as opposed to newer solid-state stuff.

There are 40 pieces included - everything from a couple of IF cans to plate chokes, wound coils, some on plug-in forms, etc. I figure a buck a coil is pretty fair. Most are used but some are new in the box.

Actual Postage/UPS charges extra. No "handling" fees.

If interested please reply by e-mail.

73,

Michael Crestohl, W1RC
mc@shore.net

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: W9zr@aol.com
Subject: FS: Collins Filters
Message-ID: <970323124956_-968620368@emout20.mail.aol.com>

Have the following for sale::

F455Z5 p/n 526 9376 00
F455Z8 p/n 526 9414 00

Believe these are 2.75 khz filters from the 51S1 receiver.

\$30 each

73 Randy

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: sbrovas <sbrovas@tir.com>
Subject: FS: HR0-60, Drake Xtals, D-104, Misc items
Message-ID: <33355C18.62B8@tir.com>

Hi All,

I have a few items I would like to place for sale on the list.

2ea National HR0-60 receivers. 1 w/B coil, 1wA,B,C,D coil sets.
Would like to sell both together. They were going to be used for a restoration project, but both are now operational. Faceplates are VGC and are very presentable. Cabinets are in average condition. Could use a touchup or wax job. These are heavy units and require good packing. Will sell both units for \$440 shipped via UPS.

Tenna Match SWR Meter/Bridge (from an old mobile set up. Avg condition \$12 shipped.

KWM-2 cabinet minor dent, needs repaint. \$75

TV-1000 Low Pass Filter. VGC (Copper is tarnished) \$22 shipped.

D-104 Mike with stand and cable. Exc-/VGC+ \$35

HT-37 Parts. Power xfmr is gone. What do you need?

Drake xtals some not standard:

16.25 18.6 19.6 15.6 16.1 18.1 25.1 25.6 26.1

36.1 36.6 37.6 37.1 38.1 38.6 39.1 39.6 40.1

30.1 30.6 31.6 28.69

Price is \$8ea + \$1 to ship any qty.

73's de Bill, WA1APX/8

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997

From: "Walter Fairclough" <wfairclo@netcom.ca>

Subject: FS: Yaesu YO-100 Monitor Scope

Message-ID: <199703231956.0AA18717@tor-srs1.netcom.ca>

Real nice and working perfectly. I'd give it a 9.5. The only reason its not a 10 is for 3 or 4 very small paint scratches on the side of the cabinet. Original manual and schematics included. \$125.00 (US) plus shipping.

Thanks for reading.

Walter Fairclough
Manotick, Ontario
wfairclo@netcom.ca

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: jackiv@juno.com (JOHN M IVERSON)
Subject: Re: GE 1302 Lamp
Message-ID: <19970323.150131.3358.3.jackiv@juno.com>

On Sun, 23 Mar 1997 08:45:23 GMT Don Reaves <dr@cei.net> writes:
>This is driving me nuts. Is there a cross for this bayonet lamp?
>None
>of my catalogs list this pilot lamp.
>
>---
>Don Reaves WA5BBS dr@cei.net
>46 Arbor Oaks Drive
>N. Little Rock, AR 72120
>
>
hi don re 1302 lamp:
T3 1/4 bulb,min. bayonet, 6.3 volts, .04 amp, 5,000 hour life, radio
useage..
hope this will help
Jack Iverson K0EWU jackiv@theporch.com

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: kenc@smartdocs.com (Ken Corwin)
Subject: Re: GE 1302 Lamp
Message-ID: <199703232157.NAA26025@warp10.smartlink.net>

Hello, Don-

A 1302 is a radio lamp the same size and voltage (6.3) as a 47
but only draws from 35 to 50 milliamps. It has a short 500 hour
design life. A 47 normally draws about 150 milliamps and has a
1500 hour design life.

Hope that helped.

Ken Corwin (kenc@smartdocs.com) Santa Clarita, Calif.

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: kenc@smartdocs.com (Ken Corwin)
Subject: Re: GE 1302 Lamp
Message-ID: <199703240716.XAA05874@warp10.smartlink.net>

Hello again, Don-

After reading Jack Iverson's post on this subject, I double-checked the information I supplied earlier with General Electric's Miniature Lamp Catalog 3-7070, April, 1977, and found the life of a GE 1302 specified in that catalog to be 500 hours.

I also checked GTE's 1983 Sylvania Miniature and Sealed Beam Lamp Catalog 203 and found the life of a Sylvania 1302 specified in that catalog to be 5000 hours, as stated by Jack.

Take your choice.

Ken Corwin (kenc@smartdocs.com) Santa Clarita, Calif.

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: don merz <71333.144@CompuServe.COM>
Subject: Gear/Literature FS
Message-ID: <970324030748_71333.144_DHB53-4@CompuServe.COM>

Vintage Amateur Radio Gear & Literature For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

GEAR

Lysco Transmaster. 1950's vintage CW TX covering 160-10 meters, VFO or crystal. This would be in very fine condition with only 2 scratches visible anywhere, except that it has been modified with one original; switch on the front panel just below the Lysco label. This was apparently to switch in and out and external modulator for AM operation. An unoriginal octal socket is on the rear apron to accomodate the modulator, I guess. Should clean up to beautiful condition if you can accept the mod. Untested. \$50

RME 45 GC HF RX of the 1940's era with matching speaker. The RX is strictly a project radio with paint flaking off in spots and some light rust where paint is gone. Inside is very dirty, the tuning knob and dial cord are broken. The paint would clean up enough to avoid repainting on the RX but the speaker is much worse and will need repainting to look good. All original. Complete. Untested. As-is. \$60 for radio and speaker.

Hallicrafters HA-1 T0 Keyer. Some scratches on top but very nice overall. Original. Untested. Complete. \$65

Hammarlund HQ-170 ham bands RX. 1960's vintage. No clock. Some scratches along top front edge but paint is very nice on the case and front panel. One knob missing. No holes. Original. Complete. Tested and got hiss but no signal. As-is. \$70

RME 4350 160-10 mter ham bands RX circa 1960's. External vernier dial has been added to tuning with 2 unoriginal holes to mount it. Dial plastic is cracked. A few paint chips but paint is very good. A mini-project. Seems to work well. \$49

RME 4302 matching speaker for the 4350. Some small paint chips but still nice. Needs cleaning. \$40

RME 4301 Sideband Slector. Matches 4350 and 4302 in style and color. Some paint chips. Needs cleaned. Good or VG condition. Untested. Extremely rare accessory. \$69

RME HF preselector model unknown. Mid-'60's vintage I think. Has 3 controls: 10M-15M-20M-40M-80M-THRU bandswitch, Peaking and On-Off. 2 scratches on top but should clean up to excellent condition. Untested. \$29

Regency TM-H-1 FM Monitorradio. Like new looking and working. Single channel crystal controlled. \$24

Globe 6-2 VF0. Rusty spots on front and case but still very restorable. Untested. As-is. \$16

Heathkit CO-1 code oscillator. Very early Heath. Excellent. \$14

Simpson 383A Capohmeter. This is a direct-reading capacitor tester that is the best in the business in my opinion. With original manual but missing 3 original test leads. Good condition. \$29

RCA WR-49A Signal Generator. 1 knob wrong, Dings and scrapes at corners. But should clean up well. Classic RCA. \$12

Lafayette TM-16 Field Strength Meter. Complete with whip antenna but dirty and battery terminals corroded. Untested. \$10

US Army Air Forces Sight, Gun, Type M-8A lamp housing only--not the complete sight. With cord. \$8

Military J-37 key without the leg clamp. Good. \$8

Military BC-348 main tuning knob. Original. New-in-box. 1945 contract date. Made by RCA. \$14 PPD

MICROPHONES

Astatic 715 ceramic handheld mic, small, square, polished stainless steel. Often used with mobiles. But no PTT. Excellent. \$9

Astatic N-30 mic. Identical to the 10-D mic except for base. It is all chrome like the 10D but does not have the 3-conductor base as used with the Astatic G mic stand. Instead, it has a regular mic stand threaded hole and a separate 2-conductor mic cable connector. Excellent condition. \$50

Astatic JT-30 bullet mic on desk stand. Some scrapes but VG overall. Desk stand modified with switch. \$45

Electro-Voice 664 microphone. Classic mic for voice work. Works well but surface pitted all over. \$30 with cable.

Electro-voice 924 crystal mic shell only--no element or cord. \$6
Military PTT hand mic type 9104, NAF 213264-6. Looks like TCS mic.
Needs cleaning. Otherwise good. \$10
Military T-17 carbon handheld PTT mic. Metal body. Crumbling cord.
Needs cleaning. \$6
Turner M=3 PTT hand mic. Like new in original box with original
instruction sheets. This mic was designed for CB use with the
Johnson 100 series, etc. \$11

LITERATURE

ARRL Handbooks: 1971, fair: \$6
1978, good: \$8
1979: good: \$8
ARRL Antenna Book, 1974, 13th ed., VG: \$9
1967 Callbook set, foreign and domestic, good: \$9/both
1939-40 Cornell-Dubilier Capacitor Manual for Radio Servicing. Nice. \$8

Radio Magazine: The finest ham radio magazine of the pre-war era.
All \$3 each
1938: 5
1939: 2,3,7
1940: 2,3
1941: 4,5,7,11

QST 1939: 9,12: \$2.50 each
1940: 3,7,8: \$2.50 each
1941: 2,3,4,5,6,7,8,9,10,11: \$2.50 each
1942: 8: \$2.50
1961: 2: \$1.50
1967: 8,10,11,12: \$1.50
1968: Complete: \$16
1969: 1,2,3,4,5,6,7,8,9: \$1.50 each
1970: 9,11: \$1 each
1977: 2,5: \$1 each
1981: 7: \$1

Ham Radio
1970: 5,6,10,11,12: \$1.50 each
1971: 1,2,4,5,6,7,8,9,12: \$1.50 each
1974: 1,2,3,4,5,6,7,9,11,12: \$1.50

Radio News/Radio & Television News
1946: 7: \$2
1948: 8,10,11: \$2 each
1948: 9: Cover shows field day setup with 2 Harvey Wells
Bandmasters, S-38 & S-53. Great cover. \$4

1951: 4: \$2

Radio Craft. These are in excellent condition. \$4 each.

1933: 4,5,6

1934: 1,4,8,9

WANTED: Manual copy for National CRM oscilloscope.

Manual copy for HP 211A Square Wave Generator

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997

From: jproc@bellglobal.com

Subject: Haida Radio Room Page

Message-ID: <Chameleon.4.01.2.970323201559.jproc@>

Dear BA'ers,

Over the last year or so, John Brewer of this group has been gracious and kind enough to host and maintain Haida's radio Web page. He scanned all the photos that I provided and coded the copy. The time has arrived wher the young bird must leave the nest. After acquiring sufficient expertise with HTML, I have totally re-designed the radio room page and it's now supported directly from Haida's main Web page.

For anyone who is interested in seeing the re-designed page, please access URL:

<http://www3.sympatico.ca/hrc/haida/radio/rrintro.htm>

Regards,

Jerry Proc VE3FAB

E-mail: jproc@bellglobal.com

HMCS HAIDA Naval Museum, Toronto

WEB <http://www3.sympatico.ca/hrc/haida>

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997

From: "Joseph W. Pinner" <kc5ijd@net-connect.net>

Subject: Heath IP-32 meter needed

Message-ID: <199703232258.QAA16087@dns1.net-connect.net>

Have recently acquired a Heath IP-32 power supply. It has cleaned up

rather nicely, except for the fact that the panel meter (250 VDC) is bad and I need a replacement.

Any junker IP-32s out there?

73

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@net-connect.net

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: km1h@juno.com
Subject: Help ID Collins Filter
Message-ID: <19970323.171951.6583.1.km1h@juno.com>

The part # is X455K-M200. I was led to believe it was a 200Hz xtal filter for early S-Line but not sure now.
Any help please???

Tnx...Carl KM1H

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: merrigan@ee.ualberta.ca
Subject: High Quality Manuals: SX-28
Message-ID: <199703240250.CAA06557@sco.theporch.com>

Hello gang,

I have just finished working on the SX-28 manual, so the list now reads as follows:

Hammarlund SP-600J/JX Operator's manual
Hammarlund HC-10 Converter manual
Hammarlund HQ-180 manual
Hammarlund HQ-180A manual
Hammarlund HQ-145A manual
Hallicrafters SX-101A manual
Hallicrafters SX-117 manual
Hallicrafters SX-115 manual
Hallicrafters HT-33B manual
Hallicrafters HT-37 manual
Hallicrafters SX-28 manual

R390A Operator's manual TM 11-5820-358-10
R389 Manual TM 11-855/T0 31R1-2URR-161

Schematics are available for all of the above.

The paper quality, binding choices, and production methods I use make my manuals better than the originals in many ways (particularly for the large TM manuals)

As usual, email for specific information; the R-389 manual in particular has several different configurations available.

Thanks,

Shaun

--

merrigan@nyquist.ee.ualberta.ca
Electrical Engineering Student
University of Alberta
Edmonton, Alberta, Canada

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: Paul E Settle <pauls@inreach.com>
Subject: Re: High Quality Manuals: SX-28
Message-ID: <3335EE8F.4F98@inreach.com>

merrigan@ee.ualberta.ca wrote:

>

> Hello gang,

>

> I have just finished working on the SX-28 manual, so the list now .
Shaun I'm interested in a manual for the Hallicrafters SX-101a. What is

the price? Paul Settle KE6TPR <pauls@inreach.com>

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: dfrancis@access.usa.net (Dexter Francis)
Subject: Jumpy meter
Message-ID: <v01520d07af5c7982614b@[207.0.57.74]>

Rob -

What you have there is the effects of having cleaned the meter crystal *too much*. All the crud that used to be on there would bleed the electrostatic charge off the meter cover glass, and thereby prevent any electrostatic coupling into the body. The meter is probably a d'Arsonval movement and very sensitive. Apply a coating of some computer display anti-stat to it and you should be fine.

-df

* CWest Tube Sales - P.O. Box 22443 SLC, UT 84122 *
* (801) 363-TUBE voice/fax, E-mail: tubes@usa.net *
* For a current listing of New and Used Tubes try *
* http://www.usa.net/~dfrancis/CWest_Tube_Sales.html *

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: "O'Neal, Chuck" <CONEAL@microtouch.com>
Subject: KA...CHUNK!!!!
Message-ID: <c=US%a=_%p=MTSI%l=METHUEN1-970324182932Z-3917@c2smtp.microtouch.com>

My first posting to this list...
Had to comment on the nice cabinet reverberating
noise the Valiant makes on transmit. It's even louder
with SS rectifiers and larger power supply output caps!!

Chuck, K1KW, ex WA1EKV

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: jvercellino@sprynet.com
Subject: Kansas City '98 Hamfest...
Message-ID: <199703232204.0AA26485@m1.sprynet.com>

Sounds like the '97 hamfest was real good. Does anyone have the date and location for the '98 one?

73, John WB90VV

JVercellino@sprynet.com

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997

From: "Joseph J. Curry" <jjcurry_trilix@compuserve.com>

Subject: Kenyon T244 Xfmr

Message-ID: <199703232307_MC2-132C-B253@compuserve.com>

To the BA Gang:

Just sorting through some transformers that I picked up lately and there is only one that I can't identify.

It is a Kenyon T244 and I would guess from the layout of the pins on the bottom that it is either a multimatch output transformer or a multimatch modulation transformer. It looks like it would be good for 125 watts of audio by the heft of it.

Does anyone know the specs or, better yet, have an impedance table for the same?

Reply to: jjcurry_trilix@compuserve.com

Thanks and 73,

Joe

K3ICO

AMI #721

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997

From: BEN NOCK <106312.1035@compuserve.com>

Subject: Key FS

Message-ID: <199703231630_MC2-132B-2FAC@compuserve.com>

Kent key FS. Up/Down Pounder Brass

Kent Brass and wood key, sold new as kit for 41.00 pound UK, here assembled, and finished, wood base stained in rich dark Teak varnish, key, brass, fully adjustable in vgc.

available \$48 plus postage which will work out at about \$17 air mail (4-8 days) to US.

So, total cost.. \$65

Ben G4BXD.

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: Keith Heitzmann <kk5fe@communique.net>
Subject: Looking for info on the Astatic 200S mike
Message-ID: <2.2.16.19970323144317.2fafd2b0@mail.communiquen.net>

Hi all,

Yesterday while the XYL and myself were going to some local antique shops, not expecting to see any BA stuff. I spied something shiny and very familiar, was a D-104, so I went over and took a look, price tag - \$75.00, and not even in that great of shape! As I turned I saw something else, an Astatic box, picked it up and in it was a very mint in the box 200S mike. Its gold with a black stand, chrome face and about 6 or 7 feet of cord with a 1/4 inch phono plug on the end (don't know if that was original). Has no push to talk, but has an on/off switch. Does anyone know when this was made and what they should be priced. I left it there for now because the price was \$75.00 also and I am not sure if that was a good price or not. Thanks in advance,

Keith KK5FE

-----Keeper of all that I buy-----
-----AMI# 837-----
-----Visit my vintage Radio Web Site-----
-----http://www.communiquen.net/~kk5fe---

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: Spencer Petri <spetri@e-tex.com>
Subject: Looking for Schematic!
Message-ID: <m0w8sCb-00015yC@e-tex.com>

Gang,

Anyone got a schematic for a P&H Electronics V-F-0 Matic? This is the unit built to run a CE 20A and others with the receiver HF0.

73 de Pete WA5JCI

EM-21--6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC/618 Grids

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: Paul & Sandra Bock <bocks@erols.com>
Subject: Re: McElroy's record
Message-ID: <3335A36F.4B6@erols.com>

For general info.....

Bobbi Barmore commented about the upcoming code contest in Europe and McElroy's record, and mentioned 72.2 WPM. Actually, it was 75.2 WPM. A more thorough description is in the book "Morse Code: The Essential Language" by Pete Carron, W3DKV, in the form of a copy of a letter written by L. R. McDonald, W8CW, who competed against Ted McElroy at the Ashville (NC) Code Tournament on July 2, 1939. At the end, they were the only two contestants left.

McDonald stated that both he and McElroy copied solid at 75 WPM. The speed was raised to 77.5 WPM, but McDonald said he "didn't get a good start on it" while McElroy "made something that looked like copy, but pretty ragged looking, so they gave him 75.2." McDonald went on to say that if only high-grade copy had been acceptable, the contest would have ended in a tie.

On such small things are titles often won. Someone once said, "If you want to know the true meaning of a millisecond, just ask an Olympic silver medalist."

BTW, I was reading the December 1996 issue of "The World Wireless Beacon" from SOWP and it had a list of fifty *60 WPM* qualified certificate holders from W1NJM's high-speed qualifying runs. Amazing!

73,

Paul, K4MSG

ZUT!

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: k7yha@juno.com (Richard H. Arland)
Subject: Re: McElroy's record
Message-ID: <19970323.194055.10399.12.k7yha@juno.com>

Hi Paul and Gang:

I e-mailed Bobbi privately earlier. McElroy's record HAS been broken.

Last year, Chuck Adams, K5F0, broke the record in the presence of Guinness record keepers.

This info was related to me at the Zuni Loop Field Day, by several people, however, I do not have a current Guinness book to actually confirm that this happened.

Chuck runs the qrp-list and is a whiz-bang CW op. In private e-mail with him he told me that he made some special high speed tapes and played them on the way to work and back each day. According to him, the tapes STARTED at 65 wpm and went upward.

I do not remember the top speed he copied last year, but I do know it was in excess of 75 wpm.

73 rich K7SZ

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: Neal McEwen <nmcewen@metronet.com>
Subject: Re: McElroy's record
Message-ID: <3332AF95.3B08@metronet.com>

BAers,

If you will go to my web page shown below, you can read a short bio of McElroy, including his code copying exploits, his portrait and some of the famous keys that he manufactured.

--

73 de K5RW, Neal McEwen, at "The Telegraph Office", nmcewen@metronet.com
A WWW Page for Telegraph Key Collectors and Historians
http://fohnix.metronet.com/~nmcewen/tel_off.html

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: Thomas Bowes <bowes@klondyke.net>
Subject: More cheap stuff FS
Message-ID: <3335CAC8.6AB5@klondyke.net>

Well folks, I am finally getting down to the last of the estate stuff and wish to offer the following items for sale. I have:

2-5CP1 scope tubes (CRT's) that I would like to get \$5 each for, plus shipping. These appear to be new tubes, with the boxes in various states of wear. If this is too rich for your blood, please make me an offer.

1-7CP1 scope tube, same deal.

1-5HP1 scope tube, ditto.

A bunch of NIB 1st Detector modules for BC-312 receivers (I believe). These each contain 6 air variable trimmers, a ceramic wafer switch, and a number of coils wound on ceramic forms. Make me an offer for one or more, even if its only for the shipping costs.

I also have a bunch of new air variable main tuning caps from the BC-312's. As I recall, these are a four gang cap with each section going up to about 200 pF. I suppose they would be good for somebody looking to make a multi-band oscillator. Make an offer, even if its cheap.

I have several APS/4 radar display units. Most appear to be new, but are not in the original boxes. These each have a 3FP7 CRT. I am asking a whopping \$5 each, plus shipping, but would be more than happy to accept offers, PLEASE!!!!

--
"Tom"

Thomas Bowes
KK8M
35332 Churchill
Richmond, Michigan 48062-1179

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: mack@mails.imed.com
Subject: Needed: SB102 Manual
Message-ID: <9702248592.AA859232405@mails.imed.com>

WB5NMH and I are elmering a new novice (me by long distance:<)). He has a SB102, but the manual he has is for a SB101. The SB101 he has (on its way to me now) doesn't work, but it's fixable. He is keeping the 101 manual until we can get him one for the 102.

Bottom line: we need a SB102 manual some time soon.

Ray Mack
WD5IFS
mack@mails.imed.com
Friendswood (Houston), TX

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: Mike Maloney <ac5p@ionet.net>
Subject: Older style HQ Spkr?

Message-ID: <199703240459.WAA26839@mail.ionet.net>

Hello BA gang,
I fell like Mr. Lucky today. A friend purchased an HQ-140X like mine and a Viking 2 and is giving me the matching spkr before he donates them to his club for auction. I have seen

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: Mike Maloney <ac5p@ionet.net>
Subject: Older style HQ Spkr?
Message-ID: <199703240524.XAA01940@mail.ionet.net>

I got msg back with text chopped, so am resending it as it appears in my OUT file. Mike

>Date: Sun, 23 Mar 1997 23:08:54
>To: boatanchors@sco.theporch.com
>From: Mike Maloney <ac5p@ionet.net>
>Subject: Older style HQ Spkr?
>
>Hello BA gang,
>I fell like Mr. Lucky today. A friend purchased an HQ-140X
>like mine and a Viking 2 and is giving me the matching spkr
>before he donates them to his club for auction. I have seen
>several of the HQ spkrs for the later models with the cast
>aluminum panels, but none of the older style with dark gray
>case with older logo for the flat panel models. How common
>are these?
>73/Mike
>

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: "Gary J. Youney" <72302.2164@CompuServe.COM>
Subject: Paint Job Needed
Message-ID: <970324193355_72302.2164_DHR55-1@CompuServe.COM>

Last week at the Midland, Texas hamfest I was able to pick up a very nice Collins 75A2. The chassis was filthy, but cleaned up nicely, and the front panel is a 9.0+. The unit has no mods, and came with the original manual. I paid \$190.

But the cabinet is quite another story, and will have to be repainted. So, I have two questions:

1. Is there any spray paint close to the Collins gray?

2. Is there someone out there that does cabinet repainting?

Thanks, Gary K5QT.

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: "Tom Bridgers" <Tarheel6@msn.com>
Subject: R-390A source or re-builder?
Message-ID: <UPMAIL09.199703240254160516@msn.com>

Fellow anchorites--

Just spoke with George Rancourt who passed along some interesting information. Although for some reason he wouldn't tell me who, he said that he'd sold 50 of his R-390A's to a ham in Texas. He also said this same person had been able to buy 100 "crushed" R-390A's from a depot in the mid-west, and had been able to salvage enough usable parts to make it worthwhile. Anyone know who the mystery dealer or rebuilder is? Sounds like a person who if he is not a member of this list, sure needs to be!

73's Tom KE4RHH Tarheel6@msn.com

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: John Kolb <jlkolb@cts.com>
Subject: RAO Dial Adjustment...
Message-ID: <Pine.SCO.3.91.970323151842.6030A-100000@sd.cts.com>

On Mon, 17 Mar 1997, Greg Anders wrote about HRO dial adjustments:

> The dial on my trusty HR07 is now functioning flawlessly.
>
> Those of you who have opened the "differential" on an HRO know that
> the assembly uses split, spring loaded anti-backlash gears driven by a worm
> gear on the tuning dial shaft. Many of these old radios still have the

A couple of weeks ago, I again tackled the gearbox in my RAO to try to cure it's backlash. It had quite noticable backlash when I first got the radio working. I disassembled the gearbox, cleaned the old grease off, and reassembled, setting the gears for about 2 teeth worth of tension, the advice I've seen for split, skpring loaded gears. After applying lots of lubraplate, and trying the receiver, the backlash was much worse than before.

The gearbox, does not use a worm gear like the HRO, or have the split spring loaded anti-backlash gears commonly seen. Instead, there's an input gear attached to the tuning knob shaft, an output gear on

the variable cap shaft, and two sets of intermediate gears, two gears on a common shaft each. These two both operate in parallel, between the input and output gears. One is a solid assembly, and the other has a large spiral spring between the two sections of gear. The purpose of the spring loaded gear is to prevent backlash. Since the intermediate gears are on fixed location shafts, the slightest wear would produce gear slop without some sort of spring loading.

The spring had apparently lost some of it's tension over the last 50 years. (I have too) On my second try, I wound the spring almost as tight as I could get it. I reasoned as follows: these are hefty 1/4" wide gears, not the skinny 1/32" wide gears typically seen on split gears that the 2 tooth worth of tension is intended for, so they will wear much slower. 2. The receiver will likely not receive the kind of day in and day out use it received in the military when it was new, which will also limit it's wear, even if the amount of tension would be excessive.

At any rate, the spring tension cured all traces of backlash. Now, maybe I should replace the lubraplate with high pressure bearing grease :)

John Kolb KK6IL jlkolb@cts.com

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: marty@aa4rm.radio.org (locale for Marty Reynolds)
Subject: SP600 knobs - a source?
Message-ID: <199703240433.XAA20591@aa4rm>

Just need 2. The big main tuning (or bandsread) & a little BFO jobbie.

Any help out there? Say please?

Tks,

Marty

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997
From: David Ross <ross@hypertools.com>
Subject: Stock ticker info...
Message-ID: <199703232301.PAA04700@kim.teleport.com>

BAfolk -

I recently saw some questions re stock tickers. I don't know much about the subject, but called a nearby gent who has quite a collection of the old tickertape beasts. He used to work for Western Union and seems quite knowledgeable on the subject.

He says that there were two versions of dedicated stock tickers, each of which had it's own unique data format.

The first generation was used from 1861 to 1900 and ran at about 18 WPM. According to him, it used a code with a 'character' length of 34 bits. Of the 34 bits, 26 were allocated to printing characters and the other 8 were used for timing & control.

Apparently, only one of the 26 bits was active in a given character. In the ticker, a print wheel spun in sync with the incoming 34 bit 'character' and the active bit tripped a print hammer at the right time.

They had two 'cases' so they could print 26 'letters' characters and 26 'figures' characters. This amounted to a second tier of characters on the print wheel.

There was some 'Forward Error Correction' (in 1861!) scheme, in that if there was an error in the 8 timing/control bits, then the machine would resync it's print wheel.

(Keeping shaft rotation in sync must have been a big problem with a 34 bit long character, hence the framing pulses embedded in the character...)

Lets do some math... Assuming 5 characters per word at 18 WPM yields a speed of 90 characters per minute. That 90 characters/minute is 1.5 characters/second, or 51 bits/second at 34 bits/character - about 50 baud.

The second generation was used from 1900 to 1948 and ran at about 24 WPM, using a similar code.

In 1948, tickers were replaced with Teletype Corporation's Model 5 machines running at 50 baud. The Model 5 is a 6 bit version of Teletype's WWII Model 26 'non-strategic materials' machines.

The fellow couldn't recommend a book on the subject of stock tickers, but was very happy to talk about them.

73

Dave Ross KA6EPI ross@hypertools.com

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997

From: jcreid@CCGATE.HAC.COM

Subject: Stuff FS

Message-ID: <9702248592.AA859222735@CCGATE.HAC.COM>

Hi Gang,

The Spring cleaning thing has affected me, also, so here's a list of stuff that might interest some of you. Everything is plus shipping. If you don't like the price, make an offer. I'm a reasonable guy. Also don't expect real rapid shipping on anything. We've got a baby due any day, so she gets precedence. Duplicate requests will have the names put in a hat and my 4 year old son can pick the winner. Good luck and thanks for the read.

Gonset Comm III or at least I think it is. It doesn't look like my other III's. Silver case, maroon knobs. Fair shape. Complete, but I never powered it up.
\$15

Browning Eagle CB R-27 Complete except for one knob missing. All tubes are there. Lights up, but no receive. I think I have a Sams copy for it.
\$15

I'd like to group the following together as one package:

- 1) Sears Roebuck receiver chassis Chassis number 164.158 Schematic is in Riders 14. Pre-WWII FM band receiver and amp chassis. Some tubes missing. Chassis is rusted. Dial glass is perfect.
 - 2) RCA VHR-307 receiver and amp chassis This was part of a home recording radio-phono combo. Some tubes missing. Chassis is rusted.
 - 3) Unknown chassis. AC only with octal tubes(no tubes in it). 6X9 speaker. No ID as to manufacturer. Good for parts.
 - 4) Unknown radio. Wood case, AC only. Used 4, 6 & 7 pin tubes(no tubes in it). No dial, knobs, or ID. Good for parts, also.
- \$20 for the whole batch.

Wawasee Electronics Wattmeter Model JB500PM. Looks like it would've fit in with the 11 meter club. Switch settings for 10, 100, and 500 watts. I never used it. Good condition.
\$5

RFI Brand line filter Model RF3016B Label says: 3 X 20A 440VAC 400 Hz It has 3 input studs and 3 output studs. Size is 8"X6.5"X3"
\$5

2 JWMiller filter chokes Model 7825-5 Good for 100uH @ 5A
\$5 for the pair.

Fluke 8000A manual
\$5

That's it for this round. If you have any questions, etc., don't hesitate to contact me. Thanks again.

-Jim N6SVS

jcreid@ccgate.hac.com

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: Nick England <nick@cs.unc.edu>
Subject: swapmeet report - Charlotte NC
Message-ID: <199703242012.PAA04858@altair.cs.unc.edu>

John Poulton KF4OZY and I headed to Charlotte NC for the AWA meet this past Friday. Yep we played hooky and went on Friday cause we heard that's when all the good stuff shows up. This was a very nice and well-organized affair. In addition to the tailgating, there was an auction, contest, lectures, etc. over Friday and Saturday.

Mostly a pre-war broadcast radio oriented event, but there were a fair number of Hallicrafters and National receivers for sale. Good selections of tubes and parts as well. Also saw a Hammarlund HQ-200 and HQ-215. and a nice National NC-66 and an NC-46 with matching speaker. Saw several of the boatanchor crew there including Dave K4SAN, Richard W4CBG, and Skip KE4DFY. Who did I miss? Please add stuff I left out.

Herman N4CH (ex-WB4DBB) was there - he has a marvelous collection and many of the rigs in the CQ vintage calendars are his. Herman showed us 3 really nifty rigs he was going to enter in the contest:

- 1) Multi-Elmac ATR-4 SSB transceiver. This is the rig pictured in one of the calendars and a prototype that never made it to production
- 2) Abbot 2-1/2 meter AM transceiver circa 1943
- 3) RCA prototype general coverage receiver. Evidently built by Harvey-Wells for RCA, this looks like an R-9 but with general coverage and a different faceplate including RCA logo. Herman thinks that this came before the R-9A as several additions to this R-9 chassis showed up in the R-9A. There is a story here somewhere. If you know anything about this let me know and I'll pass it along to Herman (he's resisted e-mail so far)

I brought back some vintage audio gear and John got a batch of tubes and a mint Hickok 752 tester. The weather was great and so were the people we met. Definitely on the schedule for next year.

73 & Have Fun,
Nick England KD4CPL nick@cs.unc.edu Univ. Of North Carolina
<http://www.cs.unc.edu/~nick> Chapel Hill NC

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: WA6GYD@aol.com
Subject: The big ca-chunk
Message-ID: <970324130657_-1169574570@emout04.mail.aol.com>

In the old AM days we always admired the fellow that came on the air with a big " CA-CHUNK" if it had a little diminishing hum and an echo to it all the better. I once built a CA-CHUNKER and the first time I put it on the air people asked me what had broken. Didn't use it again. The most disapointing thing about the EFJ "DESK" is it's lack of "CA-CHUNK"

Don

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: "Arthur Moe" <KB7WW@SignalONE.com>
Subject: Re: The big ca-chunk
Message-ID: <199703241848.KAA29146@pdx.chatusa.com>

I though so, you must of used several large relays on a sounding board with a capacitor of a different value across each one to make the sound longer. RIGHT????

73s
art

AT THE END OF THE OREGON TRAIL

KB7WW@SignalONE.com

> From: WA6GYD@aol.com
>
>
>

> I once built a CA-CHUNKER and the first time I put it on the air
> people asked me what had broken.

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: "Walter L. Marshall" <wmarshall@CapAccess.org>
Subject: Re: The big ca-chunk
Message-ID: <Pine.SUN.3.91-FP.970324140037.3573C-100000@cap1.capaccess.org>

Dear Anchorists,

I like the idea of the feedback from the recieve. You could get all of those BAs to sound like Browning Golden Eagles. I don't blame you for wanting to sound like the CB guys. I was very impressed with the 20kw, CB mobile I saw, once. Until then, I never knew that you could get coax as big as sewer pipe.

Yea man,
Walter

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: Spencer Petri <spetri@e-tex.com>
Subject: The big Kerchunks!
Message-ID: <m0w9FIX-0000S9C@e-tex.com>

Hello Thudsters,

For that really good klunk mount those relays to the side of an enclosed relay rack, the taller the better.

73 de Pete WA5JCI

EM-21--6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC/618 Grids

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: MODSTEPH@ACS.EKU.EDU
Subject: Thought you'd seen it all?
Message-ID: <01IGVR27683A002TMO@ACS.EKU.EDU>

..so there I was, going through brother Stu's (K8SJ - silent key last June) stuff and ran across thre junker DX-20's (from which I should be able to assemble one complete nice one), and lo and behold! One of them had the final tube assembly removed (or maybe never installed), and instead, there mounted on the rear of the chassis, heat sinks and all, are two large power transistors!

What on earth project would take a DX-20 and try to convert it to solid state!!!

I am tempted to polish that one up and carry it to hamfests with me just for the comments it might draw - and maybe put an outrageous price on it as a rare Heath transistorized DX-20..... Go figure!

73, Al N5AIT

Oh - and I could use a good copy of the DX-20 manual - at least operating instructions and schematic. Fees and postage covered by me, of course.. That's either with or without the transistors..

modsteph@acs.eku.edu

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997

From: Neal McEwen <nmcewen@metronet.com>

Subject: Re: ticker tape machines = baudot rtty ?

Message-ID: <3332B1EA.14BE@metronet.com>

BAer,

The first stock ticker machines appeared in 1866. They used two wires or three wires depending on whose system was employed. One line was used to position the alphabetic wheel and the second line was used to position the numeric wheel. The third line was used to activate a "print" onto the paper tape. The stock symbols were invented for the express purpose of making it easier for the sender who had a key for each line. He advanced the alpha wheel with the first key until it came to position, then advanced the second wheel with the second key and so on.

By the last half of the 19th century one wire systems were employed and took advantage of the fact that the receiving ticker could distinguish between polarity of the current.

All this took place before the Baudot code. If you would like to see a drawing of a 1870s vintage ticker, go to my web page shown below; it is near the very end of the page. There is also a link to a page describing the invention of the teleprinter and the Baudot code.

--

73 de K5RW, Neal McEwen, at "The Telegraph Office", nmcewen@metronet.com

A WWW Page for Telegraph Key Collectors and Historians

http://fohnix.metronet.com/~nmcewen/tel_off.html

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997

From: Lenox Carruth <carruth@swbell.net>

Subject: Re: ticker tape machines = baudot rtty ?

Message-ID: <3336C8D2.28EA@swbell.net>

Kevin and the list: I would love to learn about ticker tape machines.
Add me to any private replies, please.

--

Lenox

Dr. Lenox Carruth, Jr., P.E.,
WA50VG

Dallas, Texas

Carruth@swbell.net

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: Jack Harper <jharper@bs2000.com>
Subject: Trip Report -- Colorado Bighorn Museum of Amateur Radio...
Message-ID: <199703241644.JAA18722@lynx.csn.net>

Hello All...

This Sunday, I managed to get the day off from work and drove from home in Evergreen, Colorado to Genoa, Colorado (about 150-miles perhaps) to visit the Bighorn Museum of Amateur Radio. Beautiful drive -- 75mph speed limits out here in the Free Rocky Mountains (cruise control set to precisely 80) -- gentle rolling hills out on the Great Plains east of Denver -- snow capped Pike's Peak crystal clear and radiantly beautiful 90 miles to the south near Colorado Springs... Nice to chit-chat about long ago days of buffalo and Indians with my 6 year old son while we sped through the crisp early morning air...

Anyhow, successfully located Genoa (you need a *good* map to find it -- population is about 130 and is perhaps 8-miles east of Limon, Colorado right on I-70). The Bighorn Museum of Amateur Radio is in a rather large two-story building right on main street which is only several blocks long.

I had a 30-minute pleasant talk with the curator -- Don, K0PV -- while my

son Nick played with Don's four cats. Unfortunately, the museum is not open to the public these days (and, I think, not for a long time) for the following reasons: (a) Don had a storm some time ago that dumped 3 inches of rain followed by 3 inches of hail followed by a couple of hours of 120 mph winds (typical Colorado weather -- especially on the plains -- although I get 100 mph winds several times a year even at almost 8,000 feet elevation in the mountains -- the famous Chinook Winds) that caused some damage -- knocked down the tower; water damage to the museum which is located on the 2nd floor etc; (b) Don's insurance will not allow the public to go up the stairs to the museum -- I think due to the storm damage (it's an old building -- built in the 20's); and (c) A new beam antenna (some sort of monster on a 44' boom or so) is scattered all over the place upstairs. So -- Unfortunately, I was not able to see any of the wonderful museum with 1000's of BAs as described in Don's (and illustrated with photos) brochure. Rather disappointing -- but that's life. In addition, Don mentioned that he is having (or is potentially having) some sort of difficulty with the wonderful Americans with Disabilities Act ("ADA") that requires free access by so-called Handicapped Persons (all this courtesy of, among others, former-President George Bush)...

End of Trip Report right? -- well, not quite. I was able to see the "consignment shop" on the first floor that has perhaps a hundred or so BAs, of all forms, for sale. I bought a spare Hammarlund HK-1B keyer in excellent shape for \$35 and (Hot Dog!) a gorgeous ammarlund HX-500 transmitter (God! -- what a beast -- doesn't qualify as a "ship anchor" but it is, to me, big -- slightly larger, I think, than my Valiant -- and quite wonderful) for \$125. The point here is that Don's descriptions of his BA's for sale (estate sales, consignment deals etc) appear to be as advertised in his brochure. The keyer was listed as (I think) "Vry Gud" which I agree with and the HX-500 was listed as "Gud" which I also agree with. The HX-500 has apparently spent the last 30 years or so floating around the jungles of South America (Paraguay etc -- ahh to know its history -- CIA, gun running, what have you??) and has some corrosion on the top chassis that will probably give me trouble when I begin to work with the tuned transformer cans etc -- but was in better condition than I expected (from the "Gud" description). As described in his brochure, Don has no idea if any of the consignment items work as he does not plug them in -- it will be a few months before I get to the HX-500 on my schedule but it will be fun to work with and to get back on the air. The front panel, case, etc, is about an 8 I should think.

My opinion is that Don is an honest fellow and I would not have any problem to buy something from him sight unseen through the mail. You can write or call him and he will send you the list of BAs that he has for sale. He has been a ham since he was 10-years old (now about 50) and is also married to a ham.

Regarding the museum -- Don seems rather unsure as to the future of the

place and may, apparently, move the whole thing elsewhere (probably -- no definitely -- a good idea IMHO considering the remoteness of Genoa, Colorado). He has several invites from out of state towns that seem quite excited to have him move his collection to their locale (their gain -- Colorado's loss). From what he said, I do not expect the museum to ever be open again in Genoa (Easily I could be wrong here as I am going on bits and pieces of things that he said) -- at least not in the near future. So, I think you should unfortunately consider the museum *off-limits* for the time being. I offered to put together and to host, as a courtesy to the museum and to the BA Community, a simple web page (similar to mine at <http://www.bs2000.com/talos/vintage.htm>) for the museum to let more people know that he exists -- but, alas, he declined my offer until he figures out what he intends to do with the museum -- which I can understand (it would have been a fun page to put together!).

So -- Bottom Line -- I think that Don has some pretty good BA deals to be had and recommend that you send for his 3-page catalog and brochure if you are in the market for something (he really has a lot of items in the "Consignment Shop"); I am very happy with what I bought; and I would easily buy something from him sight unseen through the mail. Don has e-mail but only by rather expensive long-distance intra-state telephone call -- the nearest Internet provider is certainly not in Genoa -- so the best bet might be to communicate through the mail or by simply calling him on the phone after 6pm or so local time or on the weekend.

Regards to all... and hope that this might be of help to someone. (No business connection between me and the Museum blah blah blah).

Jack, KC0LR (Friend to all things Hammarlund)

>Info: Colorado Bighorn Museum of Amateur Radio, 301 Main St., Genoa
>CO 80818 (719) 763-2296. Or you can reach Don by e-mail at
>k0wo@juno.com.

Jack Harper Bank Systems 2000, Inc.
e-mail: jharper@bs2000.com 350 Indiana Street, Suite 800
voice: 303-277-1892 fax: 303-277-1785 Golden, Colorado 80401 USA

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1024-bit PGP crypto key with ID: 8FB07075 created 960728
Fingerprint: 75 DA 06 35 F8 3D AC EC 3A F2 7C 59 A1 11 A5 74
Key available from Public Key Servers and above Web Page

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: TimC <tconst@world.std.com>
Subject: TV-7D's
Message-ID: <Pine.SGI.3.95.970324140536.24827A-100000@world.std.com>

Hi all,
Fair radio Sales (419) 223-2196 just got a batch of them

TV-7D TUBE CHECKER tests most receiving & low-power transmitting tubes.
Indicates dynamic mutual conductance, emissions, gas, noise & shorts.
Test sockets for.....
USED-CHECKED, \$175.00

They have about 35 left. :)

tim
wb1exg

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: Nick England <nick@cs.unc.edu>
Subject: Re: vacuum relay
Message-ID: <199703241616.LAA25511@altair.cs.unc.edu>

My favorite is the perf metal cabinet top of my Valiant. The Valiant switches the primary of the HV transformer. The transformer energizes with a satisfying hum and the sheet metal goes KA-BOING. I can't even hear the Dow-Key relay at all!

73 & Have Fun,
Nick England KD4CPL nick@cs.unc.edu Univ. Of North Carolina
<http://www.cs.unc.edu/~nick> Chapel Hill NC

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: Nick England <nick@cs.unc.edu>
Subject: wanted - DX-20, DX-40, etc.
Message-ID: <199703241650.LAA27703@altair.cs.unc.edu>

Don't reply to me, reply to LoveBandt@aol.com

=====
>From LoveBandt@aol.com Sun Mar 23 12:40:56 1997
From: <LoveBandt@aol.com>

Subject: WANTED-Heathkit

Hi, I'm looking for a Heathkit DX20 or DX40 to set up an antique station. My call is

KH6ITY and I'm located in Brownsville, Texas. My address is

Larry McCartin

164 Winter Haven Ln.

Brownsville, TX 78521

(210) 831-0434

Additionally, I'd like to find a receiver to match it such as the HR-10. I plan to use crystals but if you have a matching VFO, let me know about it. I remember the

Heathkit VF-1 VFO (I had one) but it chirped like crazy!

Thanks for the help.

Larry

=====

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997

From: BEN NOCK <106312.1035@compuserve.com>

Subject: WANTED: Aerial Matching Unit No C1

Message-ID: <199703241312_MC2-1335-B129@compuserve.com>

I would be interested in obtaining the aerial matching unit designated C1, ZA/CAN9268.

This is the larger atu for the No 29 set.

So, if anyone has one as a door stop, let me know, I have plenty of better door stops here and will gladly exchange, hi.

Cheers, Ben G4BXD

MILITARY WIRELESS IN THE MIDLANDS

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997

From: "O'Neal, Chuck" <CONEAL@microtouch.com>

Subject: WANTED: Harvey Wells R-9 or 9A receiver

Message-ID: <c=US%a=_%p=MTSI%l=METHUEN1-970324193301Z-3966@c2smtp.microtouch.com>

Hi,

I've been looking for one of these for quite a while now.

Anyone know how many were made or why it seems to be hard to find one? I've got the matching transmitter (T-90) and power supply, ready to fire up when I can get the receiver.

Thanks! es 73

Chuck...K1KW

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: Avery Comarow <acomarow@usnews.com>
Subject: What *are* these?
Message-ID: <2.2.16.19970324091145.1c4f44d6@pop3.usnews.com>

Anchorites, I need help. I picked up three little items that were marked "WWI code key." I'd like to ID them and place a value on them. For all I know, they're worth \$5, or \$5,000. (Well, maybe not \$5,000...)

All three are quite small, on identical 4.5" x 3.25" mahogany bases. The only marking is "VOLTAMP" embossed into the underside of all three.

ITEM #1: It does look like a key. A metal bar, formed into the usual Z, is screwed down at the far end. The knob is tiny (5/8"). There's a small bracket near the knob end of the bar to limit upward travel. The base contact beneath the knob is the head of an unslotted bolt. There are three small binding posts, all hard-wired through recessed slots, to the key arm, the contact, and the limit bracket. All metal parts are chromed. This baby is nearly immaculate. The wood is beautiful, and there's no roughness, pitting, or corrosion of the metal parts.

ITEM #2: Just like #1, except that it has two binding posts, not three (there's no connection to the limit bracket). and while the wood is in similarly wonderful condition, the chrome parts are a bit rough (no rust or corrosion, though).

ITEM #3: It came hooked up to #2 with very old light-gauge wiring (rubber over cotton, I think). I'm guessing that it's a sounder. It seems to be a solenoid-wound coil with an iron core, mounted horizontally. In front of the core is a metal strip (like a sounder armature but a light strip rather than a bar). A stop screw adjusts the distance between the core and the metal strip. Two wires exit directly from the top of the wood base; they went to the key. Two binding posts are hard-wired underneath, one going to the metal strip and the other to one end of the coil. Other than the ratty wires leading to the key, which are shedding their outer insulation, this item is in excellent condition, close to #1.

There you have it. What do I have here, what's it worth to a loving collector, and is anybody interested in buying it from me?

Avery W40GK

From boatanchors@sco.theporch.com Sun Mar 23 19:40:08 1997

From: vancleef@netcom.com (Henry van Cleef)
Subject: Re: What is this audio amp?
Message-ID: <199703231813.LAA24359@netcom15.netcom.com>

As Walter L. Marshall discourses

>
> Dear Anchor Persons,
> Someone left an audio amp on my porch today. It has 4
> Peerless Electrical Products (division of Altec Lansing)
> transformers on it: 2 of 0325A, R560A power transformer,
> S265Q output. Push pull with two 6C5, driving two beam
> power tetrodes? Five pin base. ST12 envelope? With
> grid caps. Two other unknown tubes, all on a galvanized
> steel chassis. I don't think this is a home brew because
> the holes are galvanized.
> Any help would be appreciated. I would like to know
> what it is before I trade it for a radio.
>

This sounds like a Public Address amplifier. You are describing an 807 P-P setup (except for the "ST-12" size of the bottles) which was commonly used for PA in the forties. You can check it over, but I suspect it is set up as a class B amp (about -25 volts bias on the output tube grids).

--

=====
Hank van Cleef
E-mail vancleef@netcom.com or vancleef@tmn.com
=====

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: rsolomon@tsd.textron.com
Subject: WTB: R-392 Meter
Message-ID: <9702248592.AA859222075@cctds.tsd.textron.com>

Picked up a clean R-392 Receiver over the week-end, but the boyo's at Tobyhana got their hands on it first. So, I need the meter that goes with it, or suitable replacement. Anyone have one or know of a source of one. Thanks, Dick, W1KSZ.

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: rsolomon@tsd.textron.com
Subject: WTB: R-392 Panel Meter

Message-ID: <9702248592.AA859230385@cctds.tsd.textron.com>

Picked up a nice, clean R-392 that has been ..."sanitized"... by the boys at Tobyhanna depot. So, I need the panel meter or a like facsimile. Anyone have one, or know of a source of these ??
Thanks, Dick, W1KSZ.

From boatanchors@sco.theporch.com Mon Mar 24 11:00:17 1997
From: Glenn Finerman <GFINER@nms.com>
Subject: Yonkers NY Hamfest report
Message-ID: <s33665ee.072@nms.com>

I attended the Yonkers Hamfest (as a tailgate seller) this past Sunday 3/23, at Yonkers Raceway, Yonkers, NY. I would classify this as a medium to large size hamfest. Attendance was high and there were lots of BA's on hand. As I've been in the S-line buying mode lately, I was there waiting as the sellers unloaded, ready to pounce! I now have 3 more Collins "boxes" to add to the collection.
Here's what I saw.....

Johnson Viking II in good shape (8) \$150.00
Johnson Ranger I also in good shape (8+) \$250.00 (didn't sell)
Ranger II (fair to poor), front panel scratched-up \$150.00
National NCX-3 (fair to good 7+) \$125.00
Drake (fair to poor shape), T4-X, R4-A, TR-4, not priced, (didn't sell)
Collins 75S-3 (excellent 9) \$375.00 (almost went with me as #4)
Collins 75A-1 (good 8+) no price, didn't sell.
Heath SB-220 (excellent 9) no mods, no 10mtrs \$600 (didn't sell)
Collins 30L-1 (RE) mint 9+, with new tubes \$600 (didn't sell)
Heath SB-310 (good 8) missing zero set knob w/manual \$75.00
Collins package (mine now!) 75S-3C, 75S-3B, 32S-1, 516F-2 (very mint!) \$1200.00
and the buy of the day (which I should have grabbed, kick me, kick me!)
an absolute mint Drake SW-4A with MS-4 and manual for \$125.00 !!!
I really hate myself for not buying that!!, oh well....., I did find a very nice Drake 2NT that followed me home for only \$60.00.
I am totally impressed with this little beauty!! What a great design!
Cleaned up to a 9+ very minty!!, can't wait to get this baby on the BA/GB freq with a colorburst rock.
Still looking for a GOOD deal on a 30L-1 and 32S-3/516F-2, but the season is just getting started!....Miles to go before I sleep....

73.....Glenn N2BJG gfiner@nms.com

WANTED = Collins 30L-1, 32S-3, 75S-1
TV-7 Tube tester

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: Glenn Finerman <GFINER@nms.com>
Subject: re: Yonkers NY Hamfest report -Reply
Message-ID: <s336863b.003@nms.com>

Hello Fred; (fellow 2NT owner!)

re>Congrats, too on the Drake 2NT. I have one also (needs a bit of work,
>though). Question: You mentioned "coloburst rock". Is this a special
>kind of crystal or just a "nickname"?

A "colorburst xtal" refers to an inexpensive, common xtal (3.579 mhz)
available new and on the surplus market. The xtal was originally
used in TV set colorburst circuits and can usually be found listed with
the microprocessor xtals in electronics catalogs like Digi-key and
Mouser. The xtal comes (usually) with wire leads and can adapted
for use in transmitters like the 2NT by mounting it inside a discarded
FT-243 holder and soldering the wire leads to the FT-243 pins.
I've had many enjoyable QSO with boatanchor and glowbug list
members on this popular meeting frequency for glow heads!

Hope that helps...

73.....Glenn N2BJG gfiner@nms.com

WANTED = Collins 30L-1, 32S-3, 75S-1
Drake 2C - 2CQ, 2NT
Hallicrafters HT-44, TV-7 tube tester.

From boatanchors@sco.theporch.com Mon Mar 24 15:32:37 1997
From: "John D. Peters" <k1er@gte.net>
Subject: [Fwd: Feedback on ARRL publications]
Message-ID: <33374A78.E2E@gte.net>

This is a multi-part message in MIME format.

-----479F672B78DD

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Okay all you folks on the BA and AMP reflectors. I've got the ARRL's attention about the errors in books (taking Dr Maxwell's material out to replace it with inaccurate measurements, safety violations in power supply articles, etc.)

NOW, all those who posted any and all of the comments on errors in past weeks please send them with details as requested in this forwarded note. Perhaps we can get ARRL pubs back on track.

73 John K1ER

-----479F672B78DD
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Received: from mgate.arrrl.org (mgate.arrrl.org [205.217.201.2]) by mail.gte.net (950413.SGI.8.6.12/950213.SGI.AutoCF) via SMTP id LAA10344 for <k1er@gte.net>; Mon, 24 Mar 1997 11:35:43 -0600
Received: from smtp_gw by mgate.arrrl.org with smtp (Smail3.1.29.1 #9) id m0w9B00-0004rYC; Mon, 24 Mar 97 09:45 EST
Message-Id: <m0w9B00-0004rYC@mgate.arrrl.org>